

PF-0531 USN

<110> BANDMAN, Olga
LAL, Preeti
TANG, Y. Tom
CORLEY, Neil C.
GUEGLER, Karl J.
BAUGHN, Mariah R.
PATTERSON, Chandra

<120> Cell Cycle Regulation Proteins

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<151> 1999-06-08

<150> 60/088,695
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Ser Pro Pro Arg Pro Asn His Tyr Leu Leu Ile Asp Thr Gln Gly
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Val Pro Tyr Thr Val Leu Val Asp Glu Glu Ser Gln Arg Glu Pro
65 70 75
Gly Ala Ser Gly Ala Pro Gly Gln Lys Lys Cys Tyr Ser Cys Pro
80 85 90
Val Cys Ser Arg Val Phe Glu Tyr Met Ser Tyr Leu Gln Arg His
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Ser Ile Thr His Ser Glu Val Lys Pro Phe Glu Cys Asp Ile Cys
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Gly Lys Ala Phe Lys Arg Ala Ser His Leu Ala Arg His His Ser
125 130 135
Ile His Leu Ala Gly Gly Gly Arg Pro His Gly Cys Pro Leu Cys
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PF-0531 USN

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Asp Val Ile Ala Ser Ile Phe Ser Ser Ala Trp Trp Val Pro Pro
65 70 75
Cys Cys Gly Thr Ala Ser Ala Val Ile Gly Leu Leu Tyr Pro Cys
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Ile Asp Arg His Leu Gly Glu Pro His Lys Phe Lys Arg Glu Trp
95 100 105
Ser Ser Val Met Arg Cys Val Ala Val Phe Val Gly Ile Asn His
110 115 120
Ala Ser Ala Lys Val Asp Phe Asp Asn Asn Ile Gln Leu Ser Leu
125 130 135
Thr Leu Ala Ala Leu Ser Ile Gly Leu Trp Trp Thr Phe Asp Arg
140 145 150
Ser Arg Ser Gly Phe Gly Leu Gly Val Gly Ile Ala Phe Leu Ala
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Thr Val Val Thr Gln Leu Leu Val Tyr Asn Gly Val Tyr Gln Tyr
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Thr Ser Pro Asp Phe Leu Tyr Val Arg Ser Trp Leu Pro Cys Ile
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Phe	Asp	Leu	Ser	Val	Leu	Lys	Leu	His	His	Ser	Leu	Gln	Gln	Ser
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Glu	Pro	Asp	Leu	Arg	His	Leu	Val	Leu	Val	Val	Asn	Thr	Leu	Arg
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Arg	Ile	Gln	Ala	Ser	Met	Ala	Pro	Ala	Ala	Leu	Pro	Pro	Val	
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Ser	Ser	Asp	Ala	Ala	Leu	Ser	Ala	Ser	Met	Ala	Ser	Leu	Leu	Glu
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Ala	Asp	Glu	Gly	Pro	Pro	Gly	Arg	Ser	Ile	Gly	Gly	Ala	Ala	Pro
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Ser	Leu	Gly	Ala	Leu	Asp	Leu	Leu	Gly	Pro	Ala	Thr	Gly	Cys	Leu
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Asp	Glu	Ala	Glu	Leu	Asp	Tyr	Leu	Met	Asp	Val	Leu	Val	Gly	Thr
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Pro	Met	Glu	Met	Arg	Tyr	Ile	Pro	Leu	Lys	Val	Ala	Leu	Phe	Tyr
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Leu	Leu	Asn	Pro	Tyr	Thr	Ile	Leu	Ser	Cys	Val	Ala	Lys	Ser	Thr
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Cys	Ala	Ile	Asn	Asn	Thr	Leu	Ile	Ala	Phe	Phe	Ile	Leu	Thr	Thr
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Ile	Lys	Gly	Ser	Ala	Phe	Leu	Ser	Ala	Ile	Phe	Leu	Ala	Leu	Ala
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Thr	Tyr	Gln	Ser	Leu	Tyr	Pro	Leu	Thr	Leu	Phe	Val	Pro	Gly	Leu
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Leu	Tyr	Leu	Leu	Gln	Arg	Gln	Tyr	Ile	Pro	Val	Lys	Met	Lys	Ser
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Lys	Ala	Phe	Trp	Ile	Phe	Ser	Trp	Glu	Tyr	Ala	Met	Met	Tyr	Val
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Gly	Ser	Leu	Val	Val	Ile	Ile	Cys	Leu	Ser	Phe	Phe	Leu	Leu	Ser
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Ser	Trp	Asp	Phe	Ile	Pro	Ala	Val	Tyr	Gly	Phe	Ile	Leu	Ser	Val
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Pro	Asp	Leu	Thr	Pro	Asn	Ile	Gly	Leu	Phe	Trp	Tyr	Phe	Phe	Ala
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Glu	Met	Phe	Glu	His	Phe	Ser	Leu	Phe	Phe	Val	Cys	Val	Phe	Gln
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Glu	His	Pro	Ile	Phe	Phe	Met	Phe	Ile	Gln	Ile	Ala	Val	Ile	Ala
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Ile	Phe	Lys	Ser	Tyr	Pro	Thr	Val	Gly	Asp	Val	Ala	Leu	Tyr	Met
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Ala	Phe	Phe	Pro	Val	Trp	Asn	His	Leu	Tyr	Arg	Phe	Leu	Arg	Asn
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Ile	Phe	Val	Leu	Thr	Cys	Ile	Ile	Ile	Val	Cys	Ser	Leu	Leu	Phe
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Pro	Val	Leu	Trp	His	Leu	Trp	Ile	Tyr	Ala	Gly	Ser	Ala	Asn	Ser
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Asn	Phe	Phe	Tyr	Ala	Ile	Thr	Leu	Thr	Phe	Asn	Val	Gly	Gln	Ile
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Leu	Leu	Ile	Ser	Asp	Tyr	Phe	Tyr	Ala	Phe	Leu	Arg	Arg	Glu	Tyr
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Tyr	Leu	Thr	His	Gly	Leu	Tyr	Leu	Thr	Ala	Lys	Asp	Gly	Thr	Glu
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Thr	Pro	Thr	Asp	Ser	Cys	Glu	Pro	Ala	Pro	Glu	Cys	Ser	Ser	Leu
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Glu	Gln	Glu	Glu	Leu	Gln	Ala	Leu	Gln	Ile	Glu	Gln	Gly	Glu	Ser
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Ser	Gln	Asn	Gly	Thr	Val	Leu	Met	Glu	Glu	Thr	Ala	Tyr	Pro	Ala
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Leu	Glu	Glu	Thr	Ser	Ser	Thr	Ile	Glu	Ala	Glu	Glu	Gln	Lys	Ile
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Pro	Glu	Asp	Ser	Ile	Tyr	Ile	Gly	Thr	Ala	Ser	Asp	Asp	Ser	Asp
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Ile	Val	Thr	Leu	Glu	Pro	Pro	Lys	Leu	Glu	Glu	Ile	Gly	Asn	Gln
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Glu	Val	Val	Ile	Val	Glu	Glu	Ala	Gln	Ser	Ser	Glu	Asp	Phe	Asn
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Met	Gly	Ser	Ser	Ser	Ser	Ser	Gln	Tyr	Thr	Phe	Cys	Gln	Pro	Glu
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Glu	Thr	Ser	Asn	Gln	Pro	Ser	Pro	Ala	Phe	Arg	Arg	Arg	Arg	Ala
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Met Lys Asn Ser Thr Lys Glu Phe Val	Arg His His Lys Glu Lys	
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Lys Glu Ala Ala Glu Lys Pro Arg Thr	Val Phe Ser Asp Tyr Leu	
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Pro Thr Met Gln Asn Asp Gly Arg Lys	Glu Lys Pro Val His Phe	
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His Asp Cys Arg Glu Asn Ser His Ser	Phe Arg Lys Ala Cys Ser	
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Gly Val Phe Asp Cys Ala Gln Gln Glu	Ser Met Ser Leu Phe Asn	
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Thr Val Val Asn Pro Ile Arg Met Asp	Glu Phe Arg Gln Ile Ile	
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Gln Arg Tyr Met Leu Lys Glu Leu Asp	Thr Phe Cys His Trp Asn	
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Glu Leu Asp Gln Phe Ile Asn Lys Phe	Phe Leu Asn Gly Val Phe	
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Asp Tyr Leu Arg Asn Met Lys Glu Tyr	Glu Val Asp Asn Asp Gly	
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Val Phe Glu Lys Leu Asp Glu Tyr Ile	Tyr Arg His Phe Phe Gly	
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PF-0531 USN

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PF-0531 USN

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 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 1853196

<400> 10

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 ttcataataa tttttatcc atttcatct ttatattctg taacatgaaa cttacctaata 2940
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 tgtgtatg 3006

<210> 11
 <211> 684
 <212> DNA
 <213> Homo sapiens

<220>
 <221> misc_feature
 <223> Incyte ID No: 108390F1

<220>
 <221> unsure
 <222> 269, 285, 295, 312, 366, 375, 378, 397, 406, 428, 495, 501, 503, 586,
 592, 610, 613, 643
 <223> a, t, c, g, or other

<400> 11
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 cttccaaatg ctgcttaagt ttctgatttt ctttaactaa ttcaactt gtccctttat 240
 cttccaaat tctaattctgt tctcttagt tgtttaactc ttccngtaat gaggntaagg 300
 cttttcttc cttctccagg gataactctt aataactgatt ttctgttagca aggttcgttt 360
 ctgagnttca aaggncanct tctctgcttc agtaagngtc caacancttgc caagatttct 420

PF-0531 USN

ttcaatgnct tataatctat aaaagttctt gttcccgttg acacggggaa ggtaatcctc 480
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tgtgccatag gaatggccaa atcccatgtc gattgcaatc accaangcaa gnataacaca 600
cttattgggn ccnctactga actgacggtt actcaactcc ttnggagggc cagttcttgt 660
tcagcaacta gccggtcttc agat 684

<210> 12
<211> 416
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 1211009R1

<400> 12
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aaagatacca ccaagaatat ctttgatgaa aaggtaata aaagatttg tgctacaaaa 180
gaagcagctg aaaaaccaag aacagtttt agtactatt tacatccaca gtataaggca 240
cctacagaaa accatcataa tagaggccct actatgcaaa atgatgaaag gaaagaaaaag 300
ccagttcact ttaaagaatt cagaaaaat acaaattcaa agaaatgcag tcctggcat 360
gattgttagag aaaattctca ttcttcaga aaggcttgc ttgtgtatt tgattg 416

<210> 13
<211> 609
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 1211009T1

<220>
<221> unsure
<222> 25, 152, 166, 169, 173-174, 180, 183, 186, 192-193, 198, 200, 205,
220, 230, 233, 236, 243, 246, 251, 285, 307, 309-310, 317, 319, 329,
344-345, 377, 475, 485, 556, 573, 583, 594
<223> a, t, c, g, or other

<400> 13
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tttgaagatt aggttagttt catgttacag aatataaaga tgaaaatgga taaaaaatta 120
ttatgaagta cacacattag aatttgactt gnttagttt cctctntngn ccnnntacctn 180
tancanaggt anntatgnngn ctaantatca taactaagcn ggtacatggn atnganaagt 240
ganaanaggt nggacattag aaatttattat atatgagctc ttctnacttc agagtaaaat 300
tttgttngnn cattccnanc ttccaaaant gaataaatac atannagatt aaaggaaaaat 360
aatttcactt aagggtntct tttcatataa actataatga gaagaaacaa acttggccaa 420
attaggattt tatatattct taactgattt ttaagataga aaattaaacc atttnctcaa 480
gtcanagtga tcacgttata atgaaatgtt ccatttgtaa cagctaataa ttttagact 540
ccatcttca atttacttg aattctctca gtngccataa agncaactct tagnaacggt 600
acttcaag 609

<210> 14

PF-0531 USN

<211> 189

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1352052H1

<400> 14

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atggaatgac agggctctggt ggggactgaa ttccctggcc ctggggcat agcttgggct 120
gttccttctc tgatacggga agagaccca atcagattt tcaaattaaa gccagtcctg 180
ggaaatctc 189

<210> 15

<211> 473

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1391767F1

<220>

<221> unsure

<222> 34, 59-60, 134, 168, 311, 314, 344, 347, 354, 364, 391, 393, 401,
407, 413, 416, 426, 445-447, 453-454, 459, 471

<223> a, t, c, g, or other

<400> 15

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ggaaaacaag gaanagatgg aaaaaagaaa gggggcagag gaagccanag ggctaaaaat 180
aagtcaaagg aaacattttt gggttcagtt aaggaaacat ttgatgccat gaagaattct 240
accaaggagt ttgttaaggca tcataaagag aaaattaagc aggctaaaga agctgtgaag 300
gaaaatctga naanattctc agattcagtt aaatccactt tccnngnact ttanagtacc 360
cccnagggtta tctttgatga aaagggtaat nanagtttg ngctacnaaa gangcnagct 420
gaaaanccag gacagttttt agggnnntat tgnnatccnc agtataaggc ncc 473

<210> 16

<211> 529

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1477338F1

<220>

<221> unsure

<222> 119, 501

<223> a, t, c, g, or other

<400> 16

PF-0531 USN

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tggccctgtt ctatcttta aatccttaca cgattttgtc ttgtgttgcc aagtctacnt 120
gtgccatcaa caacaccctc attgctttct tcattttgac tacgataaaa ggcagtgctt 180
tcctcagtgc tattttctt gccttagcga cataccagtc tctgtaccca ctcaccttgt 240
ttgtcccagg actcccttat ctcctccagc ggcagtacat acctgtgaaa atgaagagca 300
aaggcctctg gatctttct tgggagttatg ccatgatgta tgtggaaagc ctatgtgtaa 360
tcatttgcct ctccttcttc cttctcagct cttgggattt catccccca gtctatggct 420
ttatactttc tggccatgt ctcactccaa acattggctt ttctgttac ttctttgcag 480
agatgttga gcacttcagc ntcttctttg tatgtgtt cagatcaac 529

<210> 17

<211> 581

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1520634F1

<220>

<221> unsure

<222> 372, 374, 445

<223> a, t, c, g, or other

<400> 17

gcacatcccccc tgccctcagc ctctggcatt ttccctcggtt gagaccatgg agggccctcc 60
ccgtcgact tgccgctccc cagaacctgg accttcctcc tccatcgat ctcccccaggc 120
ttcatctcctt ccaaggccccca accactacct gcttatttgcac actcagggtg tcccctacac 180
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ccacggctgc cgcctctgcc ctgcgttcc cggatgcgg gtgagctggc ccagcacagc 480
cgggtgcact ctgggaaacg cccgtttcag tggcacactg cctcgccgtt tatggagaga 540
acacactgca gaaacacacg ggtgaaagca tccatgagcg g 581

<210> 18

<211> 637

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1525569F6

<220>

<221> unsure

<222> 462, 485, 510, 514, 550, 562, 602, 617, 622, 625, 629, 636

<223> a, t, c, g, or other

<400> 18

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ttcagaatctt gaagaccggc tagttgttca acaagaaaactt gaaaccttcta aggagttttag 120
taaacgtcag ttctgttataa gtgtgttataa cttgtttgg tgattgtt 180

cagcatggga tttggccatt tctatggcac aattcagatt cagaagcgac aacagttgt 240
cagaaagata catgaagatg aattgaatga tatgaaggat tatctttccc agtgtcaaca 300
ggaacaagaa tctttatag attataagtc attgaaagaa aatcttgcaa ggtgttggac 360
acttactgaa gcagagaaga tgcgccttga aactcagaaa acgaaccttg ctaccagaaa 420
atcagtattt aagagtatcc ttggagaagg aagaaaaagc cttatcctca ttaccaggaa 480
agagntaaac aaacttaaga ggaccagttt gganattgga agataaaggg gacaagtact 540
gaatttagttt aaggaaaatc cngaaacttt aagcagcctt tggaagaggg aaagccggaa 600
anacaccagc ttccctnagt cnaangggng accctnt 637

<210> 19

<211> 187

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1554775H1

<220>

<221> unsure

<222> 13, 19, 21

<223> a, t, c, g, or other

<400> 19

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aagatggcg aggccccggg tttctggtag gtcctacttt aggacaagat gtggtaccgt 120
tgaagcgtca gtcttgatt cacagacagt tgagctttc agctggaaag cctttccatt 180
ttttttt 187

<210> 20

<211> 499

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 1596581F6

<220>

<221> unsure

<222> 406, 435

<223> a, t, c, g, or other

<400> 20

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cgaccccta tggaaatgcg ttacatccct ttgaaaatgg ccctgttcta tctcttaaat 120
ccttacacga ttttgtctt tggtgccaag tctacctgtg ccatcaacaa caccctcatt 180
gttttcttca ttttgactac gataaaaggc agtgccttc tcagtgctat ttttcttgcc 240
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ctccagcggc agtacatacc tggaaaatgg aagagcaag ctttctggat cttttcttgg 360
gagtagtgcctt tgatgtatgt gggaaaccta gtggtaatca ttgcntctc cttcttcatt 420
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atccaaacat tgggtcttt 499

PF-0531 USN

<210> 21
<211> 287
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 1596581T1

<220>
<221> unsure
<222> 122, 144, 266, 273
<223> a, t, c, g, or other

<400> 21
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ggcctacttg agcacgagca tggcctctgt gccatccttg gcggtaagt agaggccatg 120
tntgaggttag tactcccgcc gcangaaggc atagaagtaa tcagagatga gcaggatctg 180
cccaacgttg aaggtcagtg tgatggcata aaagaaaatta gagttggcac ttccctgcata 240
aatccagagg tgccacagga cagggnagaa cangggacag acgattt 287

<210> 22
<211> 579
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 162871X4

<220>
<221> unsure
<222> 22, 25, 32, 106, 123, 126, 135, 208, 216, 219, 234, 236, 263, 271,
282, 287, 292, 358, 360, 363, 365, 379, 412, 441, 452, 459, 483, 485,
499-500
<223> a, t, c, g, or other

<400> 22
ctaaagaaga gcggtagggg gnccngggc tngtcccaga aagtatggcg gaggcgaaaa 60
atttctggta ggtcctactt taggacaaga tgtggtaccg ttgaancgtc agtctttgat 120
tcncanacag ttganctttt cagctggaa gccttccat tttttttttt aacggctttc 180
tgaacctatg aaaccatggc aaaagganaa acaaantcnc ctggggccaa aaantntggc 240
ccatatattt catctgtcac tanccaaatt ntgaacttga tnattcnagg antattgcta 300
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acncncttcc cacctgatnt gattgcaagc atctttctt ctgcattgtc tnattgggtt 420
attatacccc tgcatttaaca nacatctagg anaaccacnt aaatttaaaa aaaagtggtc 480
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tttcgataac aacatacagt tgtctctcac actggcgca 579

<210> 23
<211> 250
<212> DNA
<213> Homo sapiens

PF-0531 USN

<220>
<221> misc_feature
<223> Incyte ID No: 162871X92

<220>
<221> unsure
<222> 8, 17, 24, 27, 33, 36, 43, 246
<223> a, t, c, g, or other

<400> 23
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ttctgctgtg attgggttat tataccctg cattgacaga catctaggag aaccacataa 120
atttaaaaga gagcggtcca gtgtaatgcg gtgttagca gtctttgtt g tataaaatca 180
tgccagtgc a aagtggatt tcgataacaa catacagtt tctctcacac tggctgcact 240
atcttnaaaa 250

<210> 24
<211> 250
<212> DNA
<213> Homo sapiens
<220>
<221> misc_feature
<223> Incyte ID No: 1658067H1

<220>
<221> unsure
<222> 8
<223> a, t, c, g, or other

<400> 24
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gattccttag a aacatcttt gtcctcacct gcatcatcat cgtctgttcc ctgctcttcc 120
ctgtcctgtg gcacccctgg atttatgcag gaagtgcAA ctctaatttc ttttatgcCA 180
tcacactgac cttcaacgtt gggcagatcc tgctcatctc tgattacttc tatgccttcc 240
tgcggcggga 250

<210> 25
<211> 736
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 1706512F6

<220>
<221> unsure
<222> 419, 435, 453, 462-463, 471, 476, 513, 516, 563, 585-586, 597, 611,
618, 652, 661, 680, 684-685, 692-693, 701, 714, 725, 731
<223> a, t, c, g, or other

<400> 25
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PF-0531 USN

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attacagtag tttgtAACat ttgttagattt gatagcattt ttatgattt atgagttct 240
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ttgaaagatg ggagtccctaa aaatttaatt agccggcac caaatgggca cctttccat 360
tagtaacggt gattccacct ttggacctt gaggccaaat gggtttaat ttttttaanc 420
ccttaaaaaaa atccnggttt aaaggaatta ttnttaaaga anncccccacc ntttngggc 480
ccaagggttt gttttccct tttccattt aanaanggtt ttaataatgg aaaaaaggat 540
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aatttaaatt ncccttnct gggaaGCCca agggatgga ggcccacccc cnaattttta 660
nccccggaaag gtccggaagn ggcnnccat annaataatt nccaaaggc cccncccaat 720
tttcnccctgg ncccat 736

<210> 26
<211> 611
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 1722946F6

<220>
<221> unsure
<222> 213, 223, 369, 406, 423, 469, 475, 490, 494, 498, 524, 548, 570, 574,
582, 584, 594, 597, 605, 607
<223> a, t, c, g, or other

<400> 26
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cgctgcccct tcagacctga aagatgtctg aaaattccag tgacagtgtat tcatcttgc 120
gttggactgt catcagtcat gagggggtcag atatagaaat gttgaattct gtgacccccc 180
ctgacagctg tgagcccgcc ccagaatgtt canctttaga gcnaagaggag cttcaagcat 240
tgcagataga gcaaggagaa tgcagccaaa atggcacagt gcttatggaa gaaactgctt 300
atccagctt ggagggaaacc agctcaacaa ttgaggcaga ggaacaaaag atacccgaag 360
acagtatcna tattggaact gccagtgggtt attctgatat tgttancct ttagccacta 420
agnttagaaag gaattgggaa tccaagaagt tgcattgtt gaagaaagnc caagntccgg 480
agacttttan catngggntc ttcctctagc agccagtata ctntctgtt cagcccagaa 540
aactggant tcatttcag cctaattgacn gtgnatcaa gntngtgcgtt gaancngtt 600
attcngnccc c 611

<210> 27
<211> 592
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 1853196F6

<220>
<221> unsure
<222> 94, 104, 149, 167, 215, 226, 232, 275, 298, 301, 312, 333, 362, 364,
367, 376, 391-392, 395, 412, 415, 419, 429, 435, 443, 449, 452, 462-464,

PF-0531 USN

466-468, 470, 476, 485, 489, 492, 502, 514, 529, 533, 541, 550, 557-558,
567, 572, 574, 577, 580
<223> a, t, c, g, or other

<400> 27

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ttaacacagt ggtgaatcct ataaggatgg atgnatttag acanataatt caaaggtaca 120
tgtaaaaaga actggatact tttgtcant ggaacgaact tgatcantic atcaataagt 180
tttccttaaa cggtgtctt atacatgatc agaancttt cactgnctt gntaatgatg 240
ttaaagatta tcttagaaac atgaaggata tgaantagat aatgatggag tatttgcnaa 300
nttggatgga tntatataata gacacttctt tgntcacact tttccctc cataatggcc 360
cngntcngtt tacatnaaac cgtgtcttac nntantttgt aacatttgc gntgnatanc 420
attttaant ttgangagtt tcntgtaang tnacggttcc annngnnntn ctttanagcc 480
accanagana antcggataa antgaaagta gggntccaaa attattaant gtnccaatag 540
nacttcctn ataaagnngt cacctngt tnancnathn ggttaattt tt 592

<210> 28

<211> 447

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2238411F6

<400> 28

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aagctccgga gctggacgag gccgaatttg actacccat ggatgtgctg gtggcacaac 120
aggcactgga gcgaccgcgc gggccagggc gctgagccct cgtgctggaa tgggtgtctg 180
gtatctgaac tgagcctgct ggctggacca actgtcctcg aaaagacaca gctggcttcc 240
ctagtagaca gaacaggcgt tggccactt tggagagaca gaatctagtc ctggcaact 300
tcacatccgt cctccctgtct cagggctggc agggggagcc tggattacc ccctagtgt 360
ggaatgacag ggtctgggtgg ggactgaatt ccctggccct ggggtcatag cttggctgt 420
tccttctctg atacgggaag agacccc 447

<210> 29

<211> 247

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 2312928H1

<220>

<221> unsure

<222> 234

<223> a, t, c, g, or other

<400> 29

tgctgggtgg ggctgtgaca gtgcggccgg cttgttccg ctccagtctg gccgagttca 60
tttccgagcg ggtggaggtg gtgtcccccac tgagctcttgaagagagtg gttgaaggcc 120
tttcactgtt ggacttggga gtagtccgtt attctggagc agtatttcat gaaactccat 180
taataatata cctctttcat ttcctaattt actatgctga attgggtttt atgntaactg 240

PF-0531 USN

atgcact 247

<210> 30
<211> 190
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 3015795H1

<220>
<221> unsure
<222> 162-163
<223> a, t, c, g, or other

<400> 30
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gatggaaatga cagggtctgg tggggactga attccctggc cctggggtca tagcttggc 120
tggcccttct ctgatacggg aagagacccc aatcagattt tnnaaattaa agccagtcct 180
ggggaaatctc 190

<210> 31
<211> 253
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 3231214H1

<220>
<221> unsure
<222> 121
<223> a, t, c, g, or other

<400> 31
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catcttcttc atgttatcc agatcgctgt catcgccatc tttaagtctt acccgacagt 120
nggggacgtg gcgctctaca tggccttctt cccctgtgg aaccatctt acagattcct 180
gagaaaacatc tttgtcctca cctgcatcat catcgctgt tccctggctc ttccctgtcc 240
tgtggcacct ctg 253

<210> 32
<211> 273
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 3985439H1

<220>
<221> unsure

PF-0531 USN

<222> 88

<223> a, t, c, g, or other

<400> 32.

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cttgggtact ttcctctcggtgtgtntc tggccggagc cgtttcgcga cggcccccggc 120
gcccccccccc aaccttcctt ccctagaccc tcttctctcc ctgcggcttc tctcttcgg 180
ccggcgccgc cagttctgg ggcacaccca gaggtccct tctgcggcc gcctgcaact 240
gcgagggttag cccggggccg cttggagtcg ccc 273

<210> 33

<211> 618

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 403002R6

<220>

<221> unsure

<222> 190, 336, 351, 413, 420, 423, 432, 441, 449, 454, 462, 510, 520, 524, 530, 552, 555, 557, 560-561, 569, 574, 584-585, 594, 596, 611, 614

<223> a, t, c, g, or other

<400> 33

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agtgtacag ctgccccgtg tgctcaaggg tcttcgagta catgtcctac ctgcggc 120
acagcatcac ccactcggtgag gtaaaggccct tcgagtgta catctgtggg aaggcattca 180
agcgcgcanc ccacttggca cggcaccatt ccattcacct ggcgggtggt gggcgcccc 240
acggctgccc gctctgccc cggcgttcc gggatgcggg tgagtggccc aagcacagcc 300
gggtgcactc tgggaacgc ccgtttca gtcanaactg cttcgccgg nttaatgga 360
gcagaacaca attgcagaaa acaacaccgc gttggaaag catcccattt aancgggn 420
tttccgggtt tncccaagg ntaccaaang gaanttttc anaggggaac cttgaaatt 480
ccctgttcca aaaaaacctt gttaaaaan ccctaaaggn tggnttttn aggggcctt 540
gaaaaacagg ancananggn nacgggant ttttaaaggaa aannccctt gcnanaagg 600
ggaaatcccg naantaat 618

<210> 34

<211> 297

<212> DNA

<213> Homo sapiens

<220>

<221> misc_feature

<223> Incyte ID No: 510407R6

<400> 34

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atggagtcct ctagctaaa gatatcagct gttccatggc agagccttga ctggatggag 120
gtggggagtg tgggtgttaa agtctctggc ctcataaaag gtggctgtgg gtcgtcagga 180
atctgcgcctc tcttcctggg gttctgcgc tgggtttggg gaagggaccc cagtcctgcc 240
ttccacccccc caaccaggcc tgagactgat caaacaataa acacgttcc cactctg 297

PF-0531 USN

<210> 35
<211> 239
<212> DNA
<213> Homo sapiens

<220>
<221> misc_feature
<223> Incyte ID No: 3590729H1

<220>
<221> unsure
<222> 91
<223> a, t, c, g, or other

<400> 35

ggcgagtgct tggcagaag agttcgagt ccagggcac aagtctctgg taccaaaagg 60
gacccatggc tgactgacag caaggcctat nggagaacaac tgggagctcc ccaacttgg 120
cccccacctt gtggctctgc acaccaagga gccccctccc agacaggaag gagaagaggc 180
aggtgagcag ggcttgtag attgtggcta cttataaat gtttttgtt atgaagtct 239